

FIG.1

SWITCHING ELEMENT (CAPACITY)		GATE INPUT CAPACITY	TURN-ON TIME	TURN-OFF TIME	MINIMUM PULSE WIDTH
1	FET1(500V,3A)	330pF	25nS	50nS	77nS
2	FET1(500V,10A)	1050pF	85nS	135nS	210nS
3	FET1(500V,30A)	2800pF	172nS	300nS	472nS
4	FET1(600V,75A)	4100pF	600nS	800nS	1400nS
5	IGBT MODULE (600V,400A)	20000pF	700nS	1100nS	1800nS

FIG.2

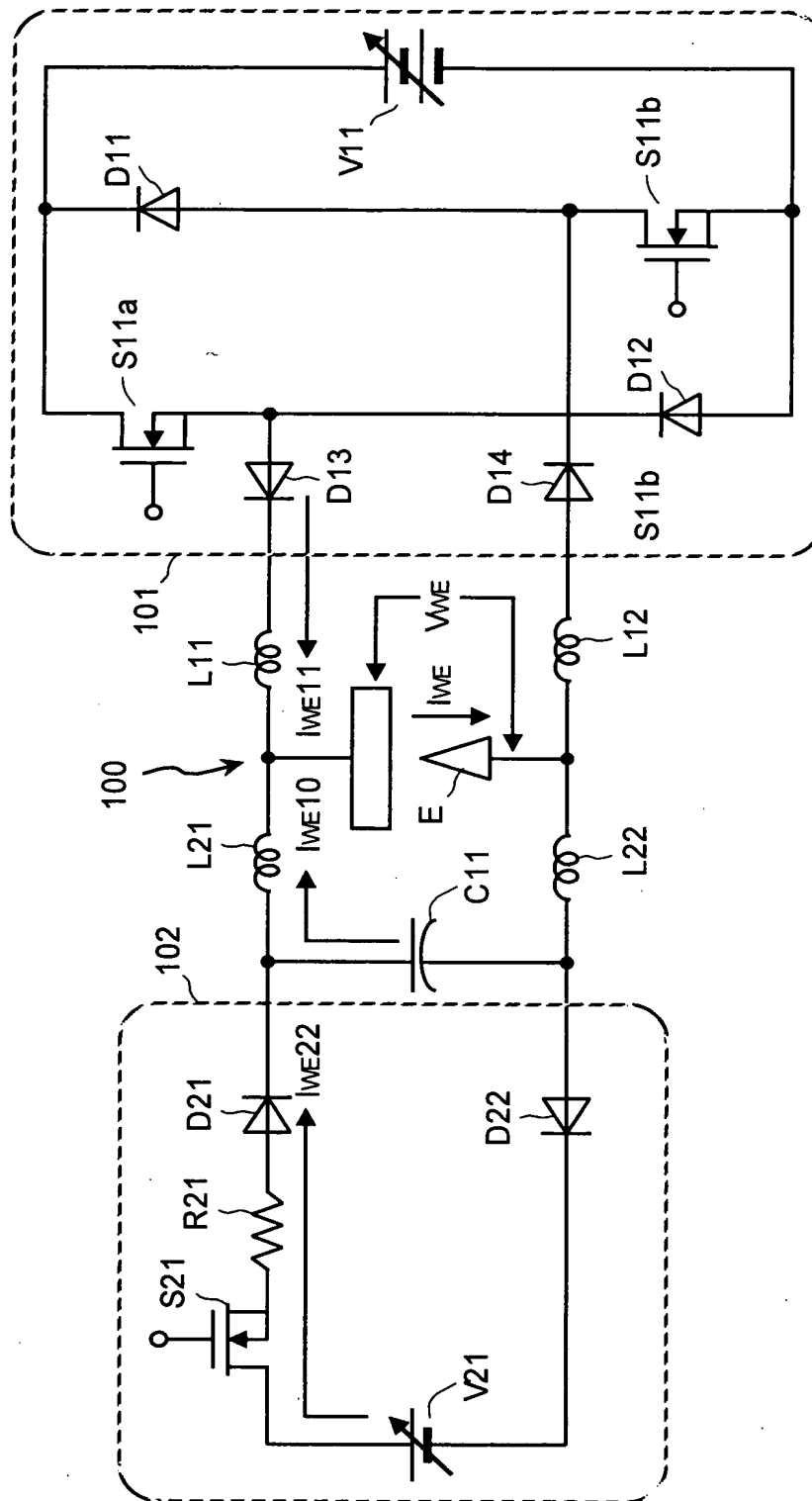
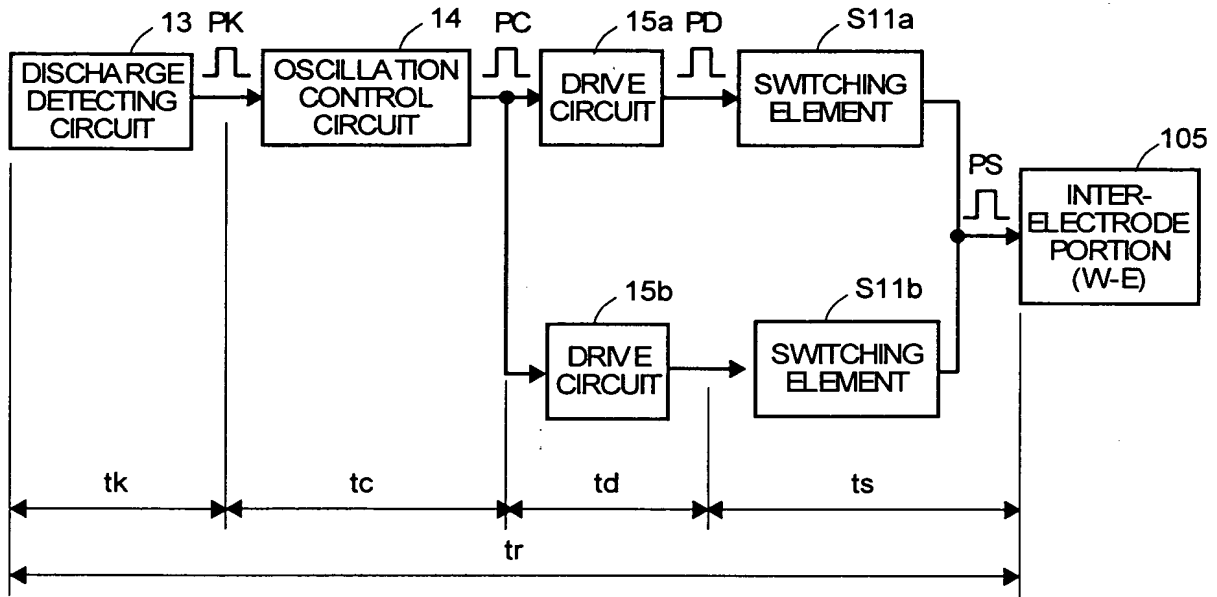
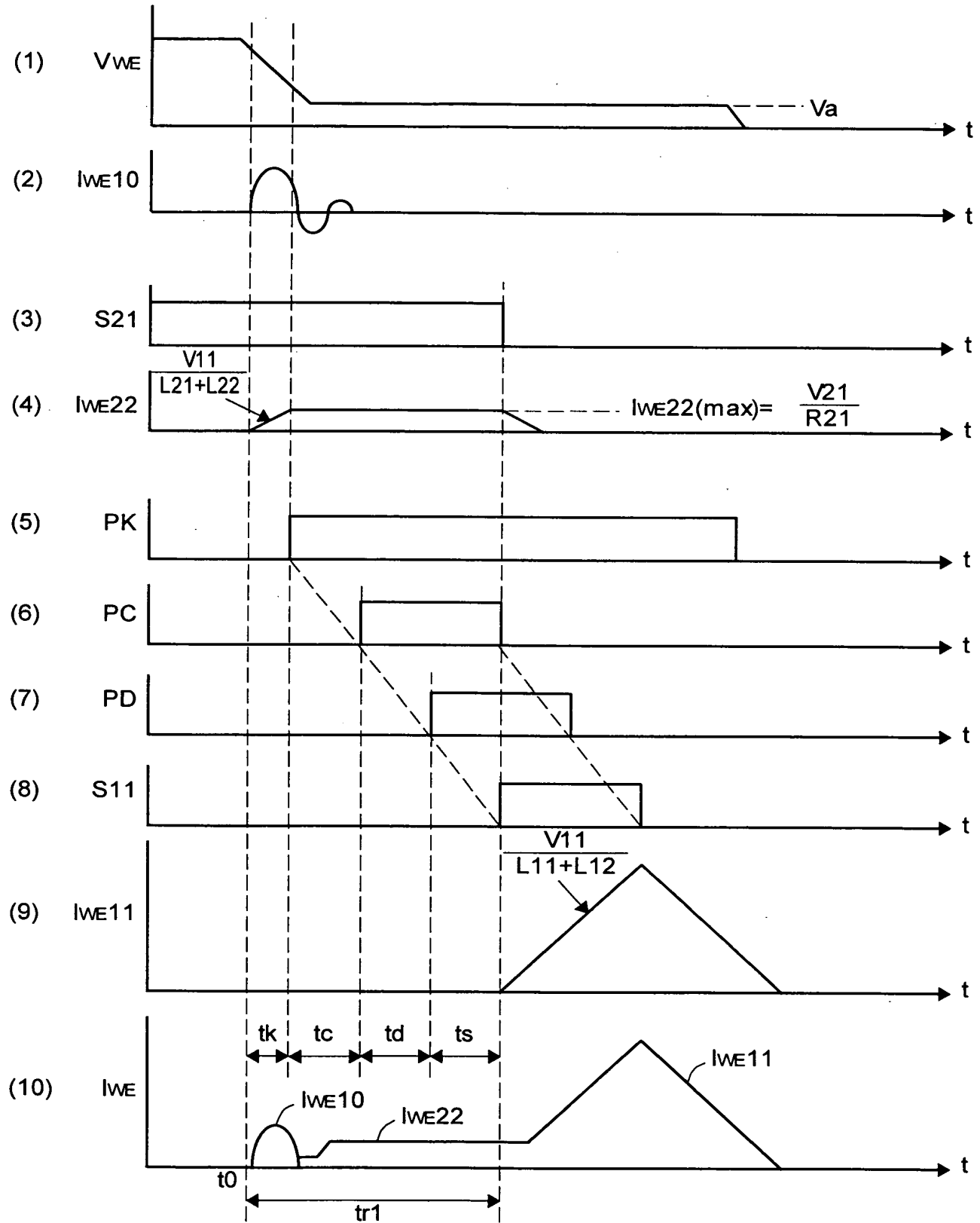


FIG.3



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FIG.4



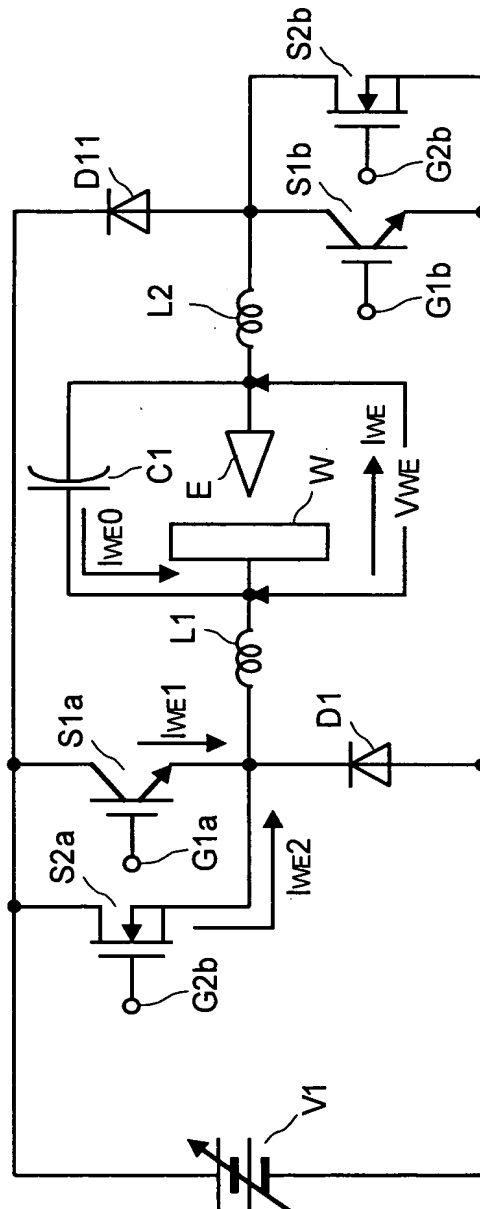
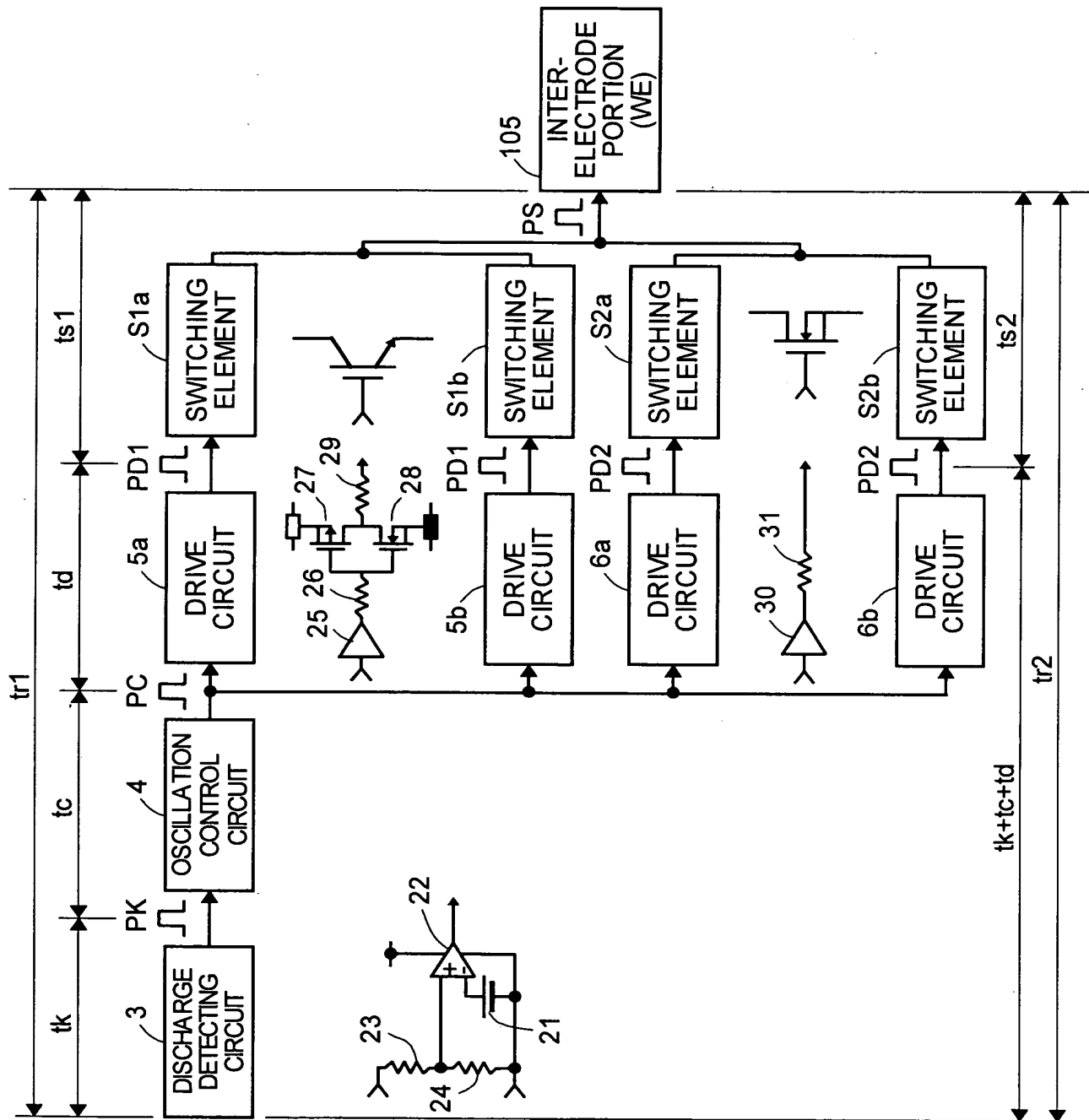
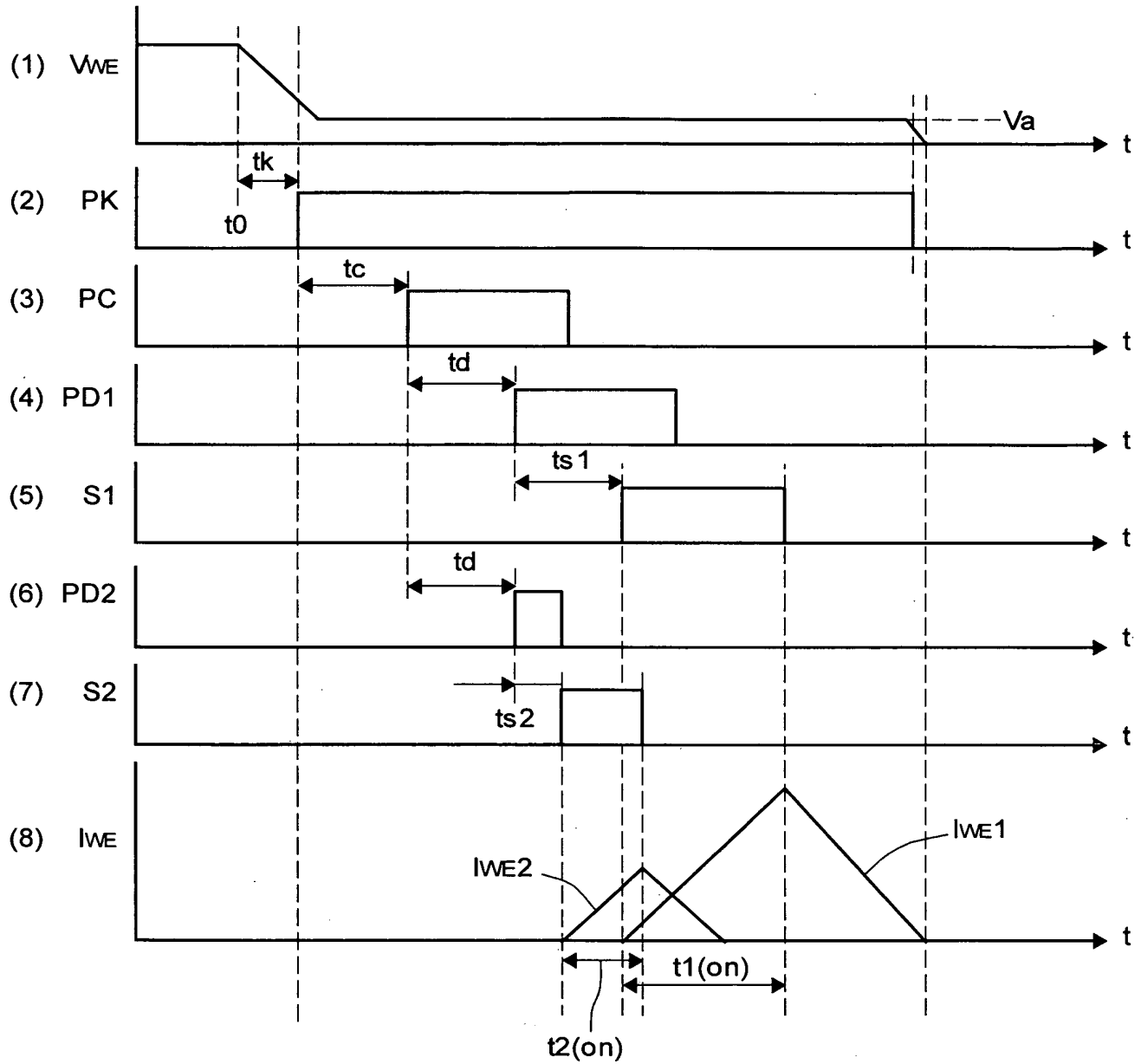


FIG.6



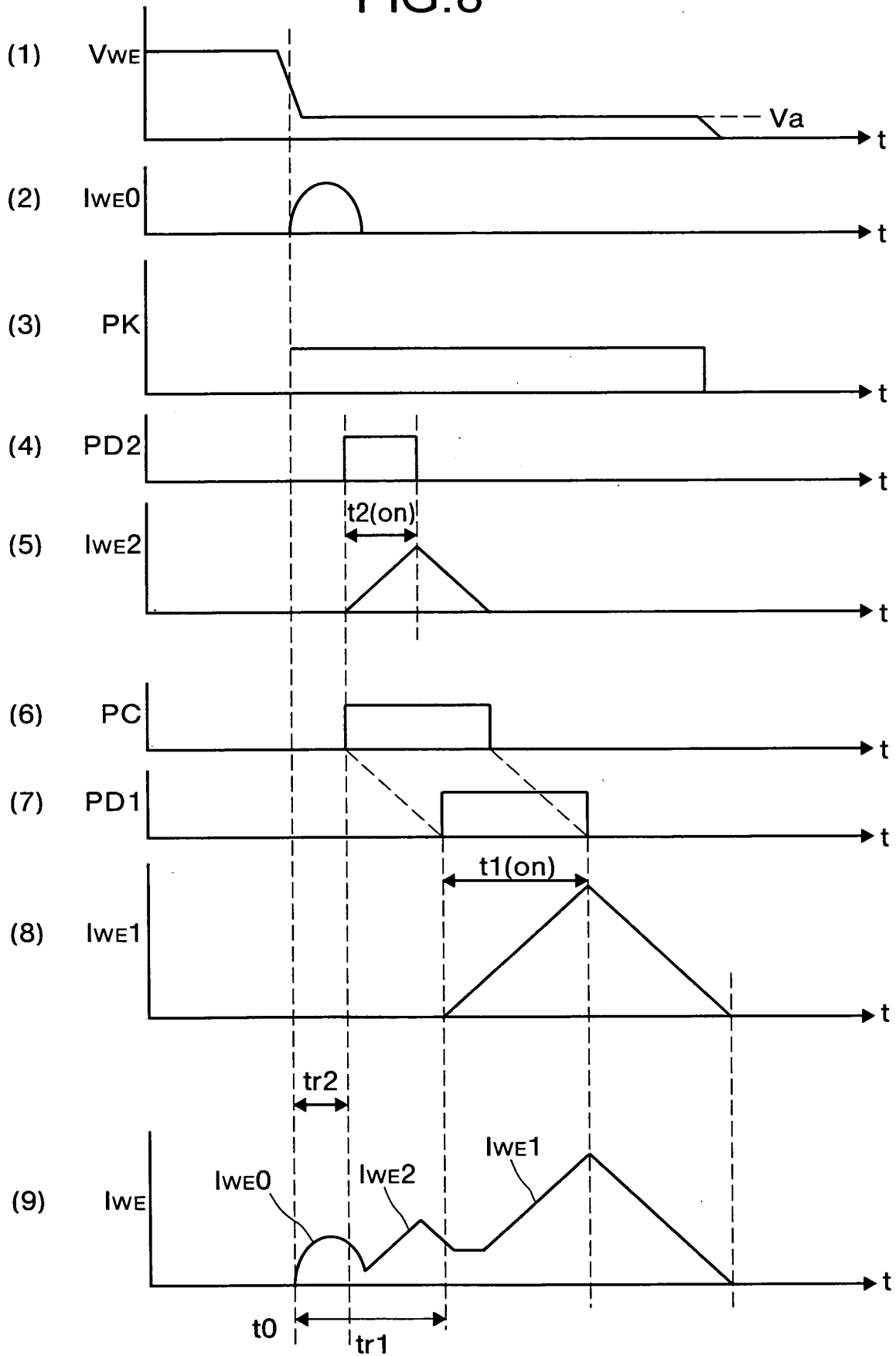
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FIG.7



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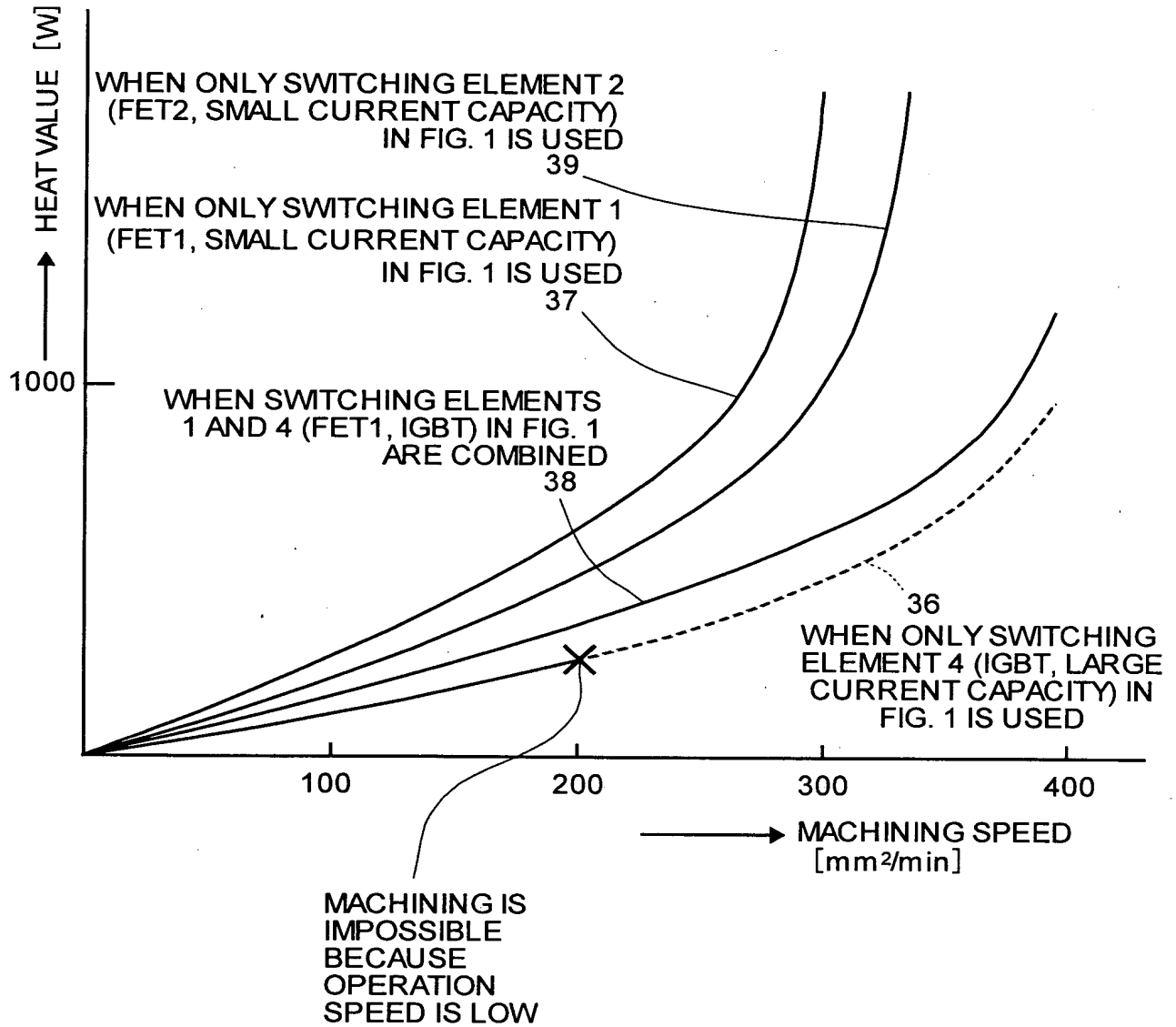
FIG.8





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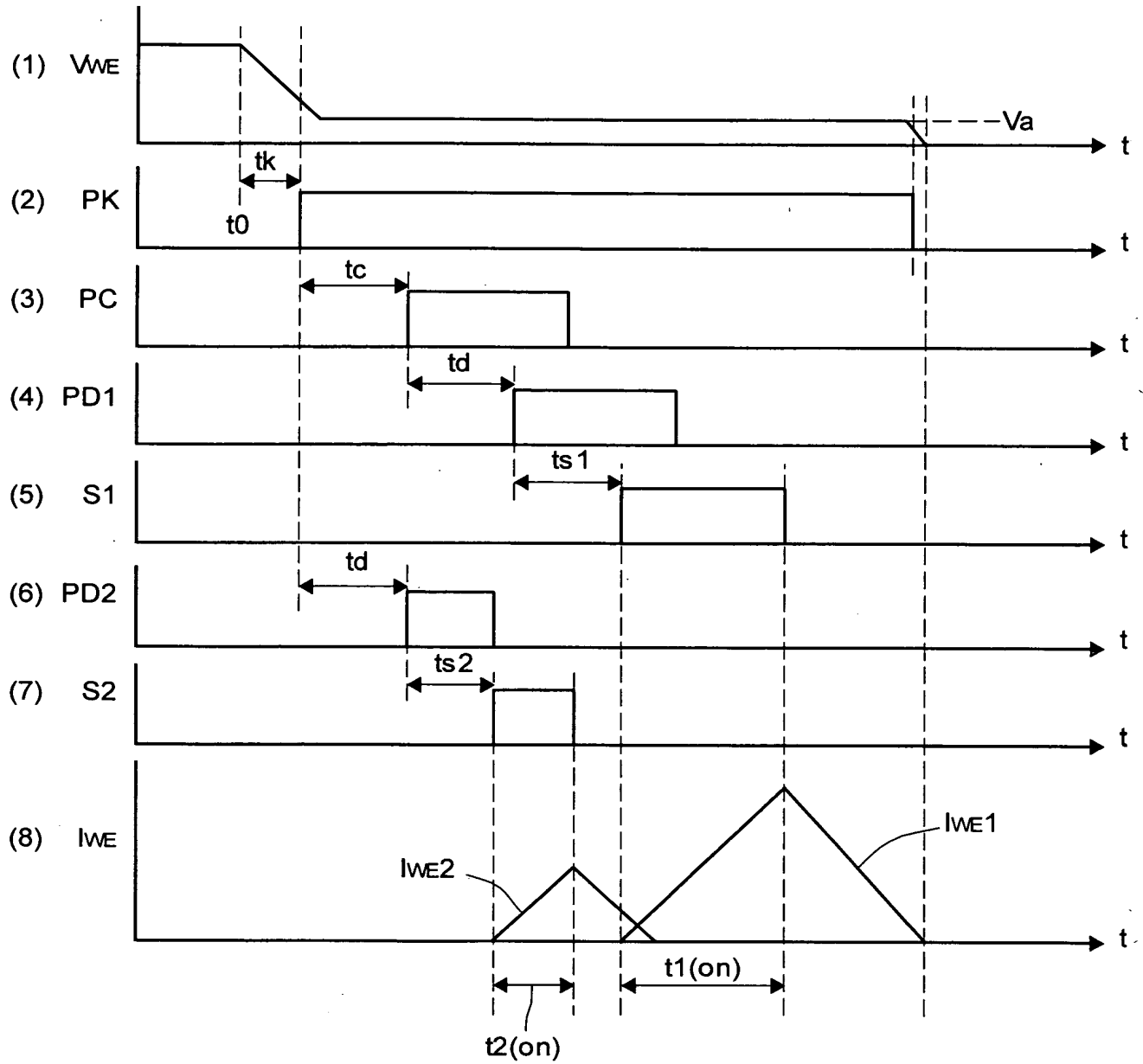
FIG.9





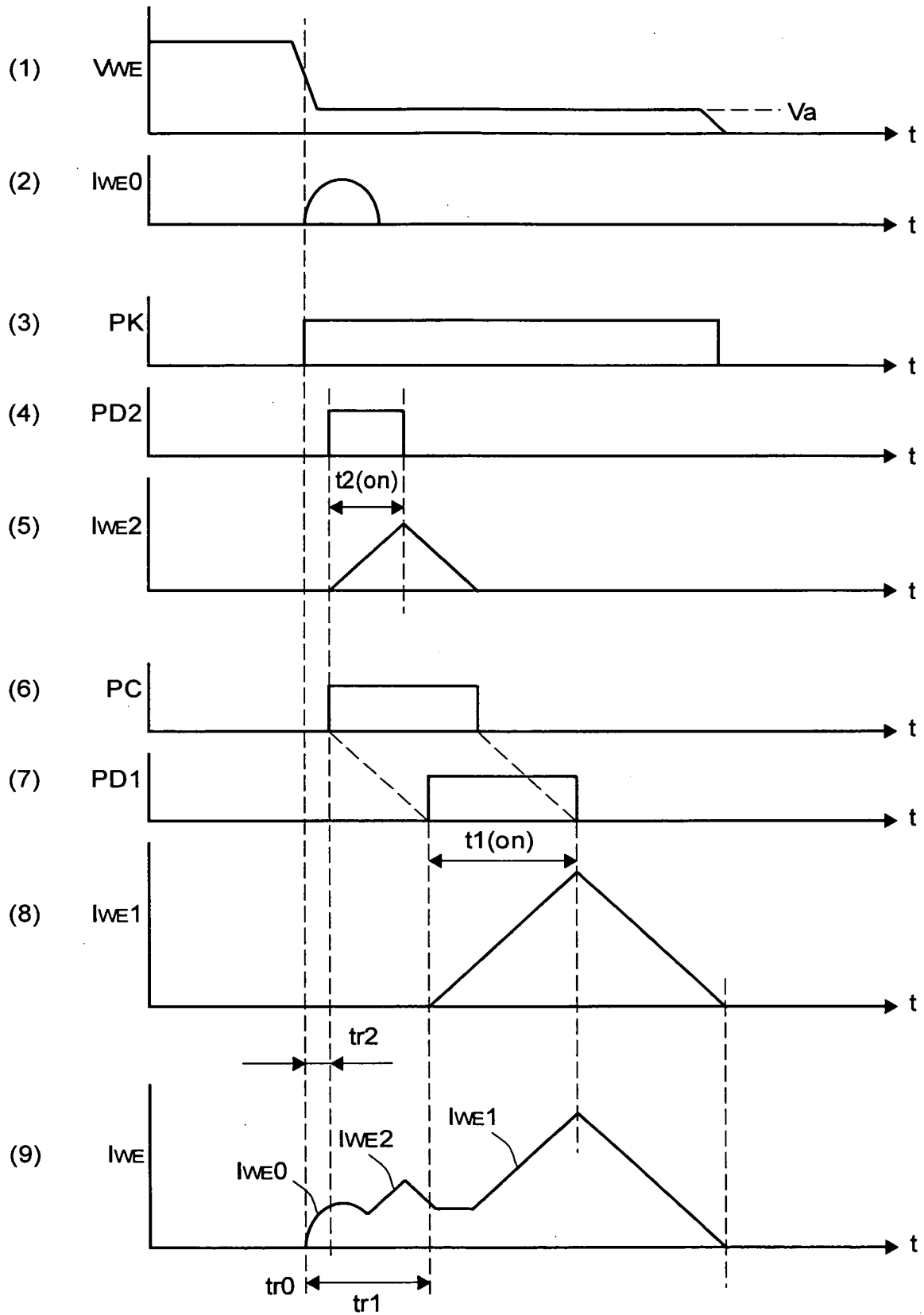
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FIG.11



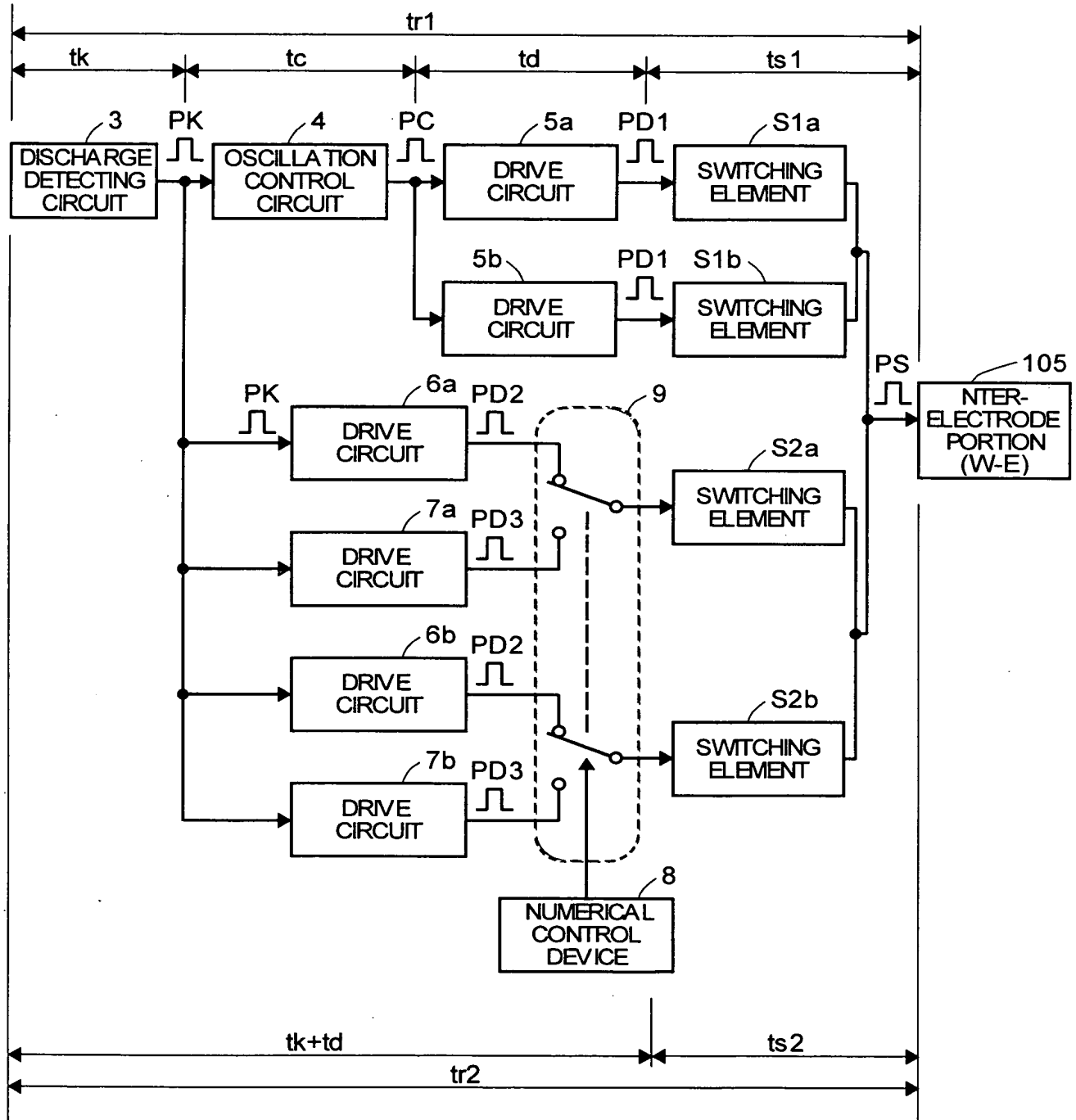
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FIG.12



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FIG. 13



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FIG. 14

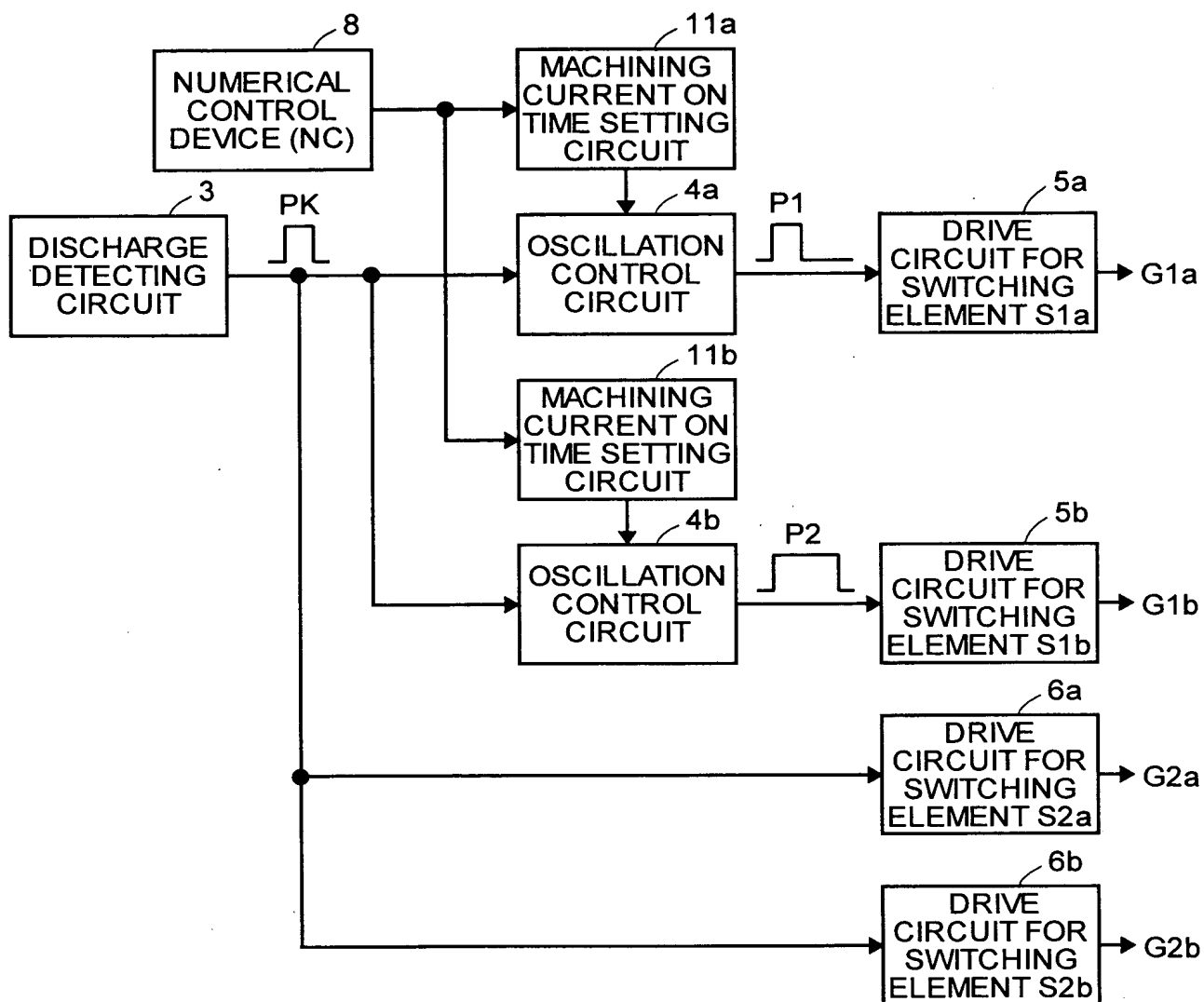


FIG.15

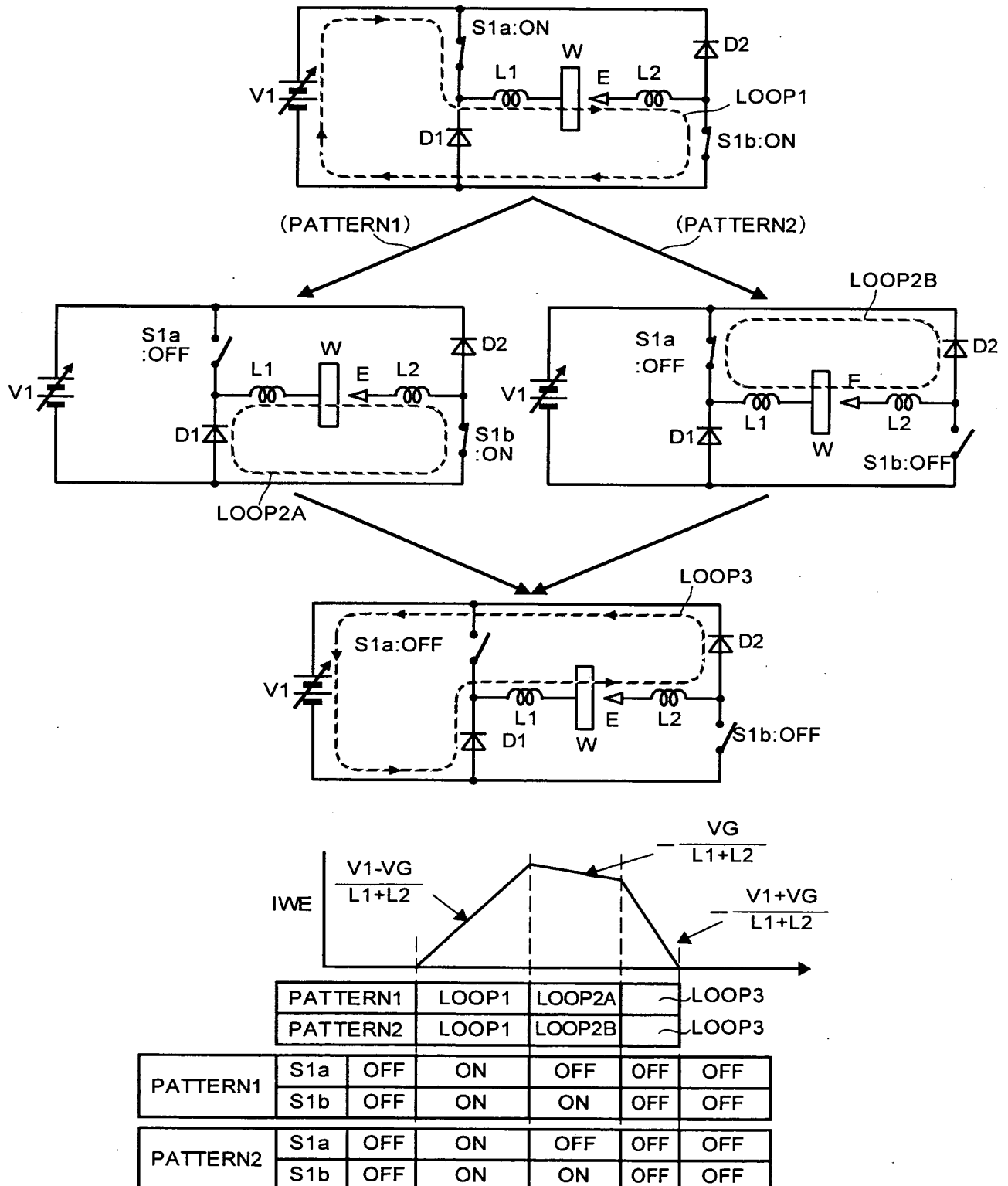
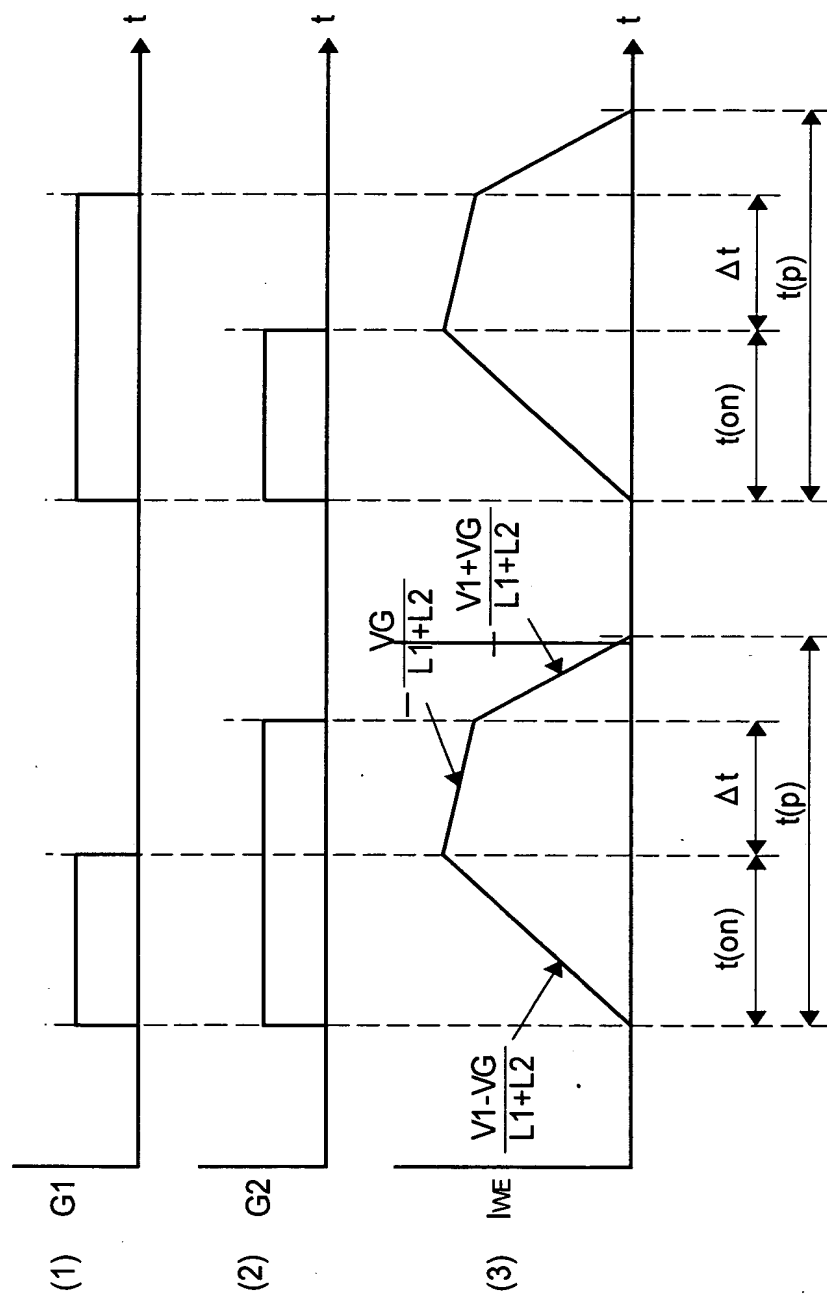


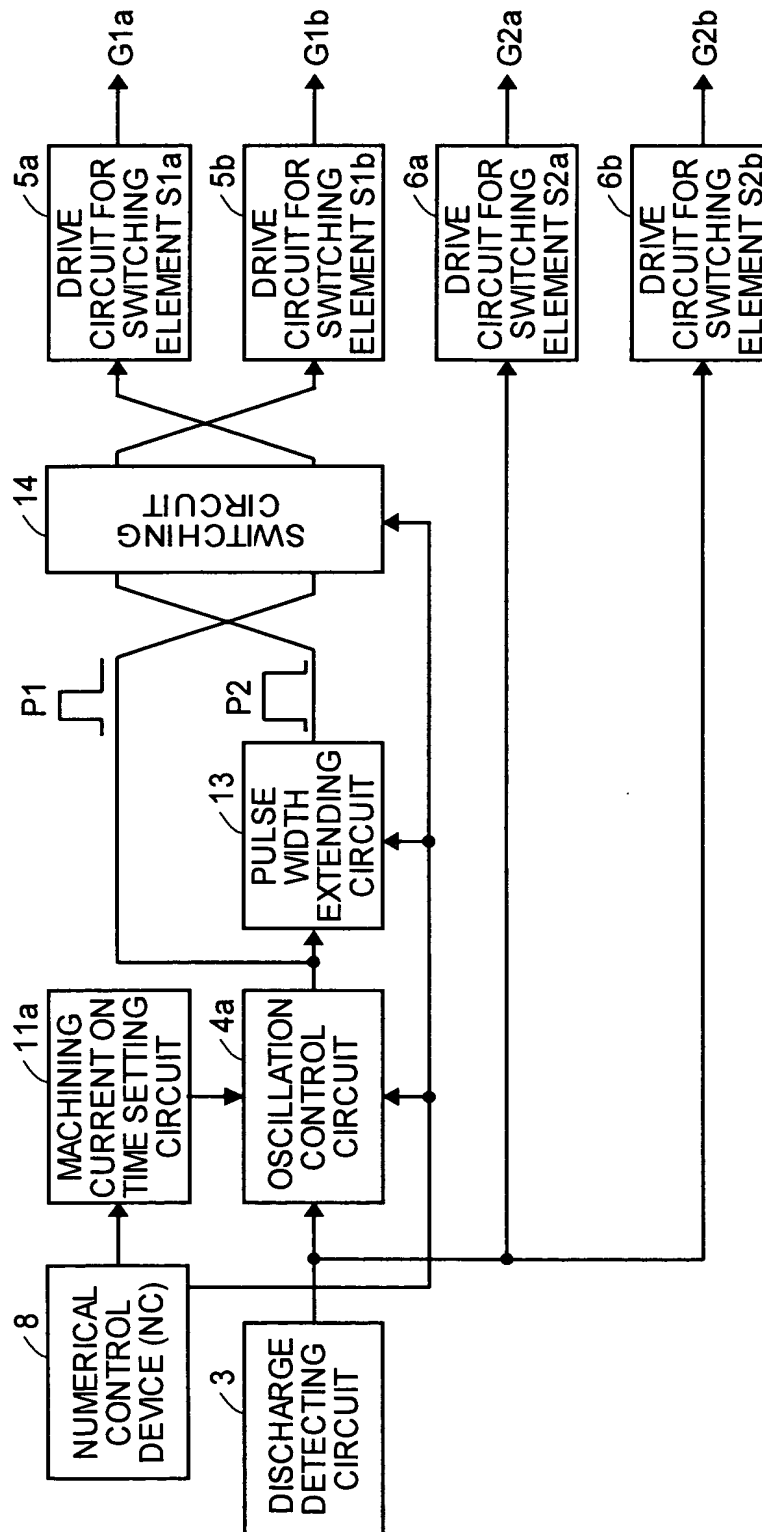
FIG.16





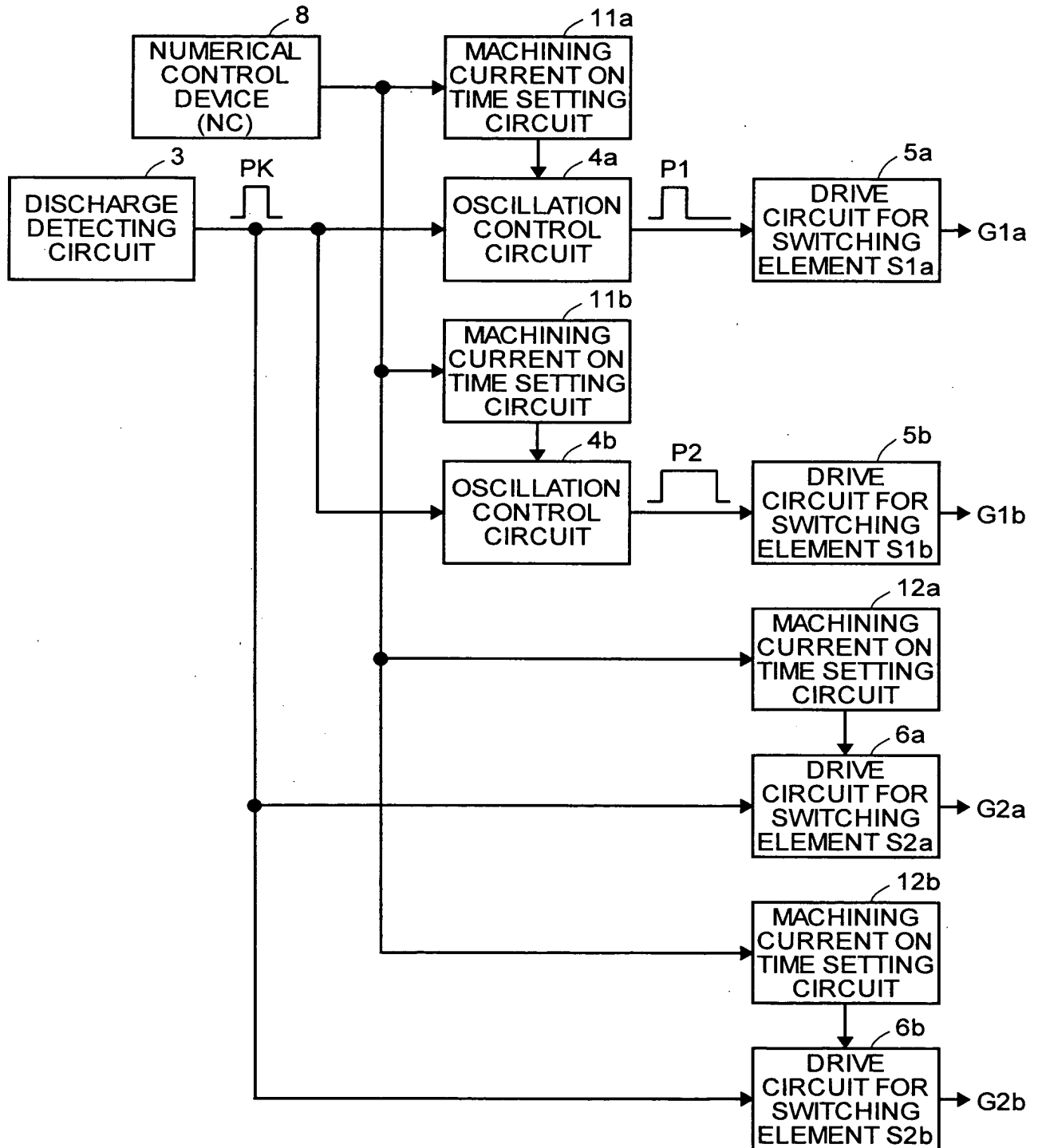
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FIG.17



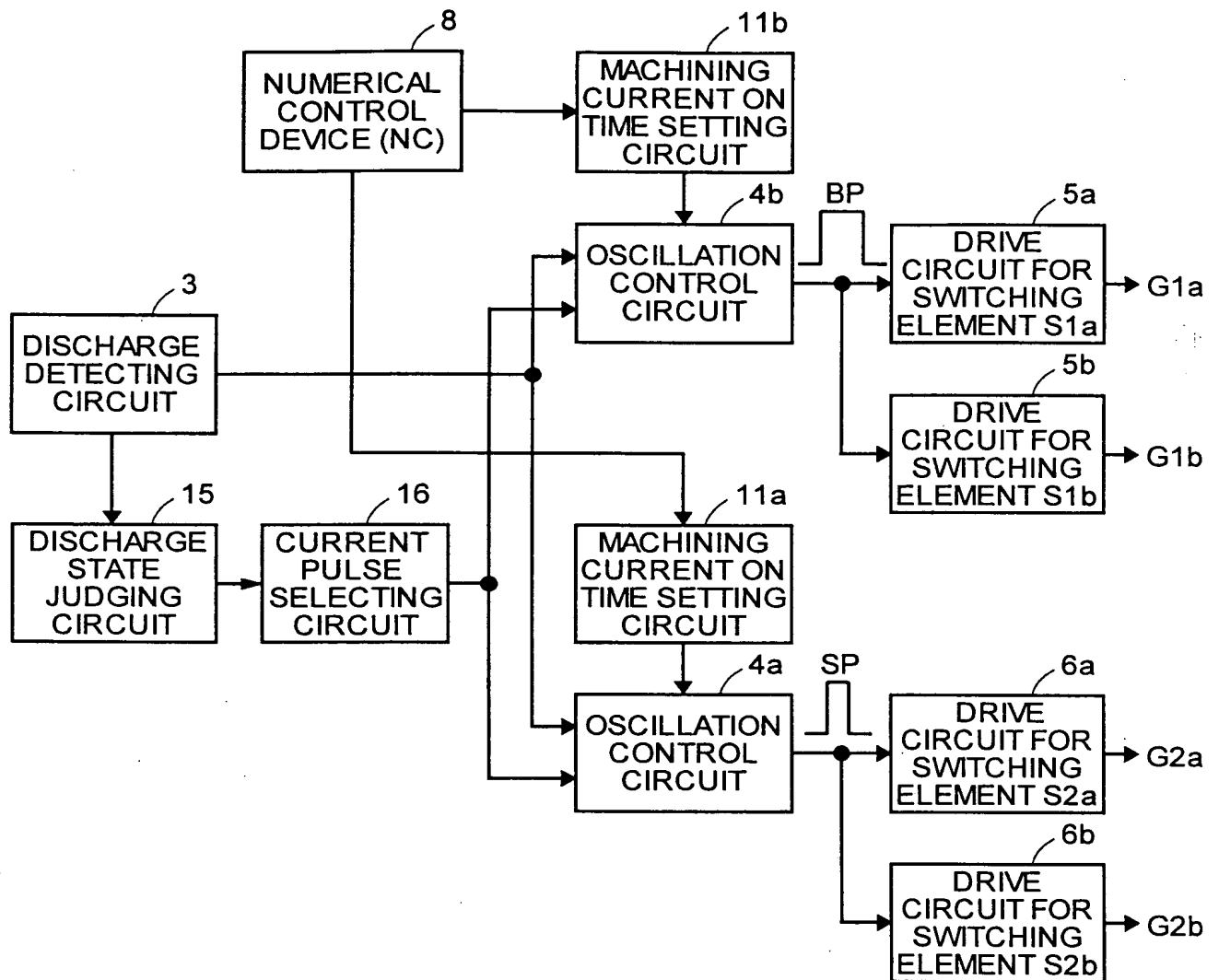
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FIG.18



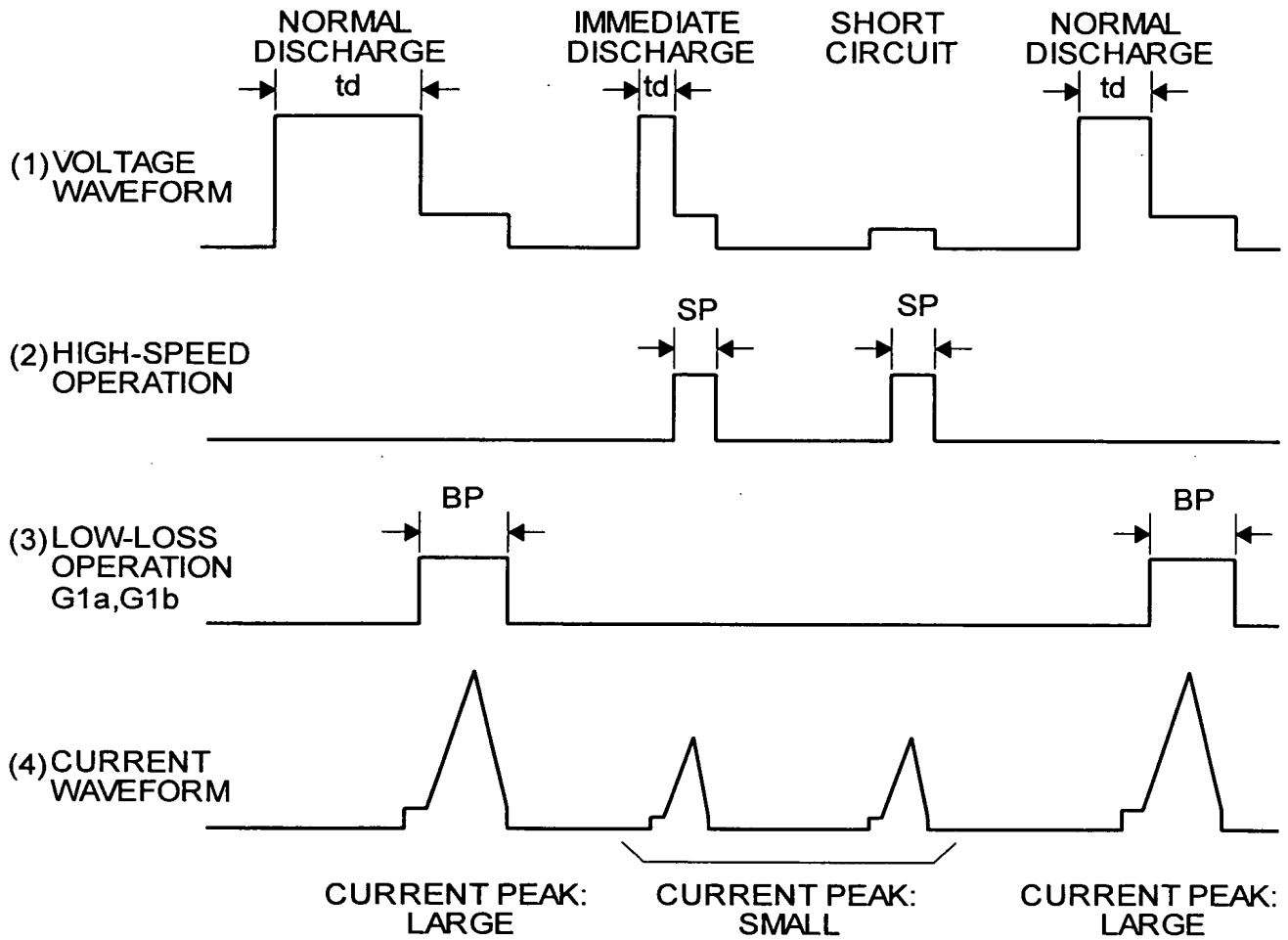
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FIG.19



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FIG.20



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FIG.21

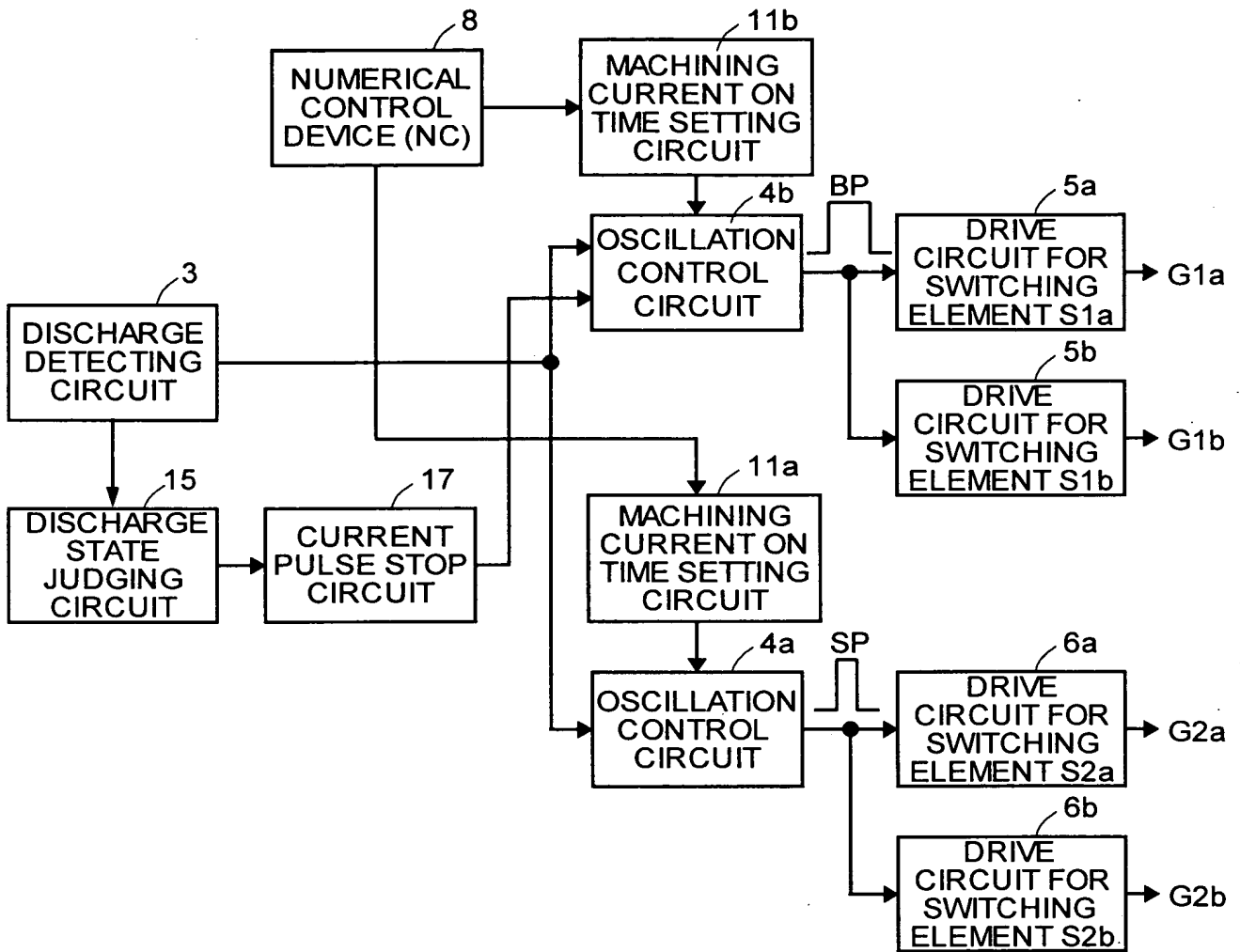


FIG.22

